

GPSMAP 215 & 225



The All-in-One GPS Plotter

By combining the industry's most popular GPS Plotter models with a powerful 12 parallel channel GPS receiver and optional built-in differential GPS (DGPS) receiver, GARMIN GPSMAP systems provide a complete, easy-to-install navigation package that's a perfect fit for your nav station. A striking 16-color or crisp 3-level gray scale screen provides a large, vivid navigation picture.

The GPSMAP 215 uses the latest LCD technology to provide a 3-level gray image for sharp contrast. A 320 x 240 pixel screen provides high definition and a crystal-clear view of your precise location and surroundings. The GPSMAP 215 is available with a built-in DGPS receiver to receive and decode transmitted data from the U.S. Coast Guard's and the International Association of Lighthouse Authorities' public use beacon systems. This correction data is provided without user fees and reduces GPS system errors, including the Department of Defense imposed Selective Availability.

For the ultimate plotting presentation, the GPSMAP 225 offers the same detailed mapping on a razor-sharp, 16-color LCD. Layering information in 16 colors — such as coastlines, depth contours, nav aids and waypoints — produces a clear, easy-to-distinguish picture. The Active Matrix screen technology allows fast, continuous scrolling that's as smooth as glass. The GPSMAP 225 is also available with or without built-in DGPS receiver.

GARMIN GPSMAP systems are more than a pretty picture. Our Graphic User Interface guides you through informative navigation screens with true simplicity. A combination of interactive softkeys and single-function keys lets you go from mapping to text screens at a touch. You'll also enjoy easy selection of commands right on screen, without complicated menus for navigation or setup. GARMIN inland and Navionics® offshore G-chart™ cartridges with wide area and seamless coverage complement a built-in worldwide database. GPSMAP 215 and 225 — the complete GPS Plotter solutions.



GPSMAP 215 & 225

GPS Navigation Features

Waypoints:	
Total:	1000 by name and graphic icon
Nearest:	9 (automatic)
Routes:	
20 reversible routes with up to 50 waypoints each	
One-touch MOB mode	
Track Log:	Approx. 2000 points w/TracBack™
Map Datums:	
106 plus 1 user-defined, and graphic map offset	
Alarms:	
Crosstrack error, arrival, anchor drag, proximity and alarm clock	
Count-up/count-down timers	
Receiver:	
Differential-ready	
12 parallel channel receiver tracks all satellites in view	
Available with or without built in DGPS beacon receiver	
Acquisition Times:	
Warm:	Approx. 15 seconds
Cold:	Approx. 45 seconds
AutoLocate™:	Approx. 5 minutes
Update Rate:	1/second, continuous
Accuracy:	
Position:	15 meters (49 feet) RMS* 1-5 meters (3-15 feet) RMS with DGPS receiver (optional)
Velocity:	0.1 knot RMS steady state
Dynamics:	6g's
Interfaces:	
Input:	NMEA 0183/DGPS (corrections)
Output:	NMEA 0180/0182/0183/ Beacon Controls

Plotter/Moving Map Features

Dual-Processor design with dedicated graphics accelerator for superior update speed and moving map presentation

Database:	
GARMIN detailed basemap. Worldwide average to 64 nm, U.S. to 32 nm	
Data Cartridges:	
G-chart™ cartridges with GARMIN inland or Navionics® offshore cartography for seamless, detailed mapping and worldwide coverage	
Plotting Scales:	
1/8 to 4096 nm with push-button zoom control	
Operation Features:	
Rockerpad cursor control	
One-touch re-centering	

Physical

Size:	
5.8"H x 9"W x 3"D (14.7 x 22.9 x 7.6 cm)	
Weight:	
Less than 3 lbs. (1.4 kg)	
Display:	
4.76"W x 3.59"H (12.1 x 9.1 cm)	
GPSMAP 215:	
3-level monochrome high-contrast FTN LCD (320 x 240 pixels)	
GPSMAP 225:	
16-color active matrix TFT LCD (320 x 240 pixels)	
Case:	
Fully gasketed, high-impact plastic alloy	
Voltage:	
10-40vDC	
Power:	
9 watts typical (GPSMAP 215) 13 watts typical (GPSMAP 225)	

Accessories

Standard:	
GPSMAP Unit	
User's Manual	
Power Data Cable	
Mounting Bracket	
Remote Antenna with 30' Cable	
Beacon Antenna/Antenna Combiner (Differential units only)	
Optional:	
AC Adapter	
Cigarette Lighter Adapter	
Flush Mounting Kit	
PC Kit	
G-chart™ Cartography Cartridges	

Specifications are subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the United States Department of Defense imposed Selective Availability Program.

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